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FACSIMILE COVER SHEET

DATE: MAY 19, 2006

NUMBER OF PAGES (INCLUDING
THIS TRANSMITTAL COVER SHEET): 11

TIME:

YOUR REFERENCE: 10/668,451

OUR REFERENCE: 229278

TO: U.S. PATENT AND TRADEMARK OFFICE
ATTENTION: Hoekstra, Jeffrey G.
ART UNIT: 3736

TELEPHONE NUMBER:
FACSIMILE NUMBER: (571)273-8300

FROM: MARK JOY

DIRECT LINE: (312) 616-5673

MESSAGE: **REPLY TO OFFICE ACTION**

In re Application of: Williams et al.
Application No. 10/668,451
Filed: September 22, 2003
For: SENSOR CATHETER HAVING REDUCED CROSS-TALK WIRING
ARRANGEMENTS

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FORM PTO-1083

PATENT
 Attorney Docket No. 229278
 Client Reference No. 4015 US
 Date: May 18, 200

In re Application of: Williams et al.

Application No. 10/668,451

Filed: September 22, 2003

For: SENSOR CATHETER HAVING REDUCED CROSS-TALK WIRING ARRANGEMENTS

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- ☒ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE			two-month		\$225.00		\$ 0.00	
subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL	20	MINUS	20	= 0	x 25 =	\$	x 50 =	\$
INDEPENDENT	2	MINUS	3	= 0	x 100 =	\$	x 200 =	\$
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 180 =	\$	+ 360 =	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$225.00	TOTAL	\$

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.
 Two Prudential Plaza, Suite 4900
 180 North Stetson Avenue
 Chicago, Illinois 60601-6780
 (312) 616-5600 (telephone)
 (312) 616-5700 (facsimile)

By

Mark Joy, Reg. No. 35,582

Amendment or ROA Transmittal (Revised 5/9/05)

FORM PTO-1083

PATENT

Attorney Docket No. 229278
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 Date: May 18, 200

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Respectfully submitted,

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 (312) 616-5600 (telephone)
 (312) 616-5700 (facsimile)

By


 Mark Joy, Reg. No. 35,562

Amendment or ROA Transmittal (Revised 5/9/05)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/668,451

Applicant: Williams et al.

Filed: September 22, 2003

TC/AU: 3736

Examiner: Hoekstra, Jeffrey G.

Docket No.: 229278

Customer No.: 23460

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated December 19, 2005, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: 571 273-8300.			
Name (Print/Type)	Jacquelyn Hurd		
Signature		Date	May 19, 2006